

# Work Order ID 63526

November 3, 2010 3:04:12 PM



Page 1

Item ID: D3552-17

Accept



Setup Start



Revision ID:

Stop



Item Name: Door Prop

Start Date: 11/03/10 Start Qty: 2.00



Cust Item ID:

Required Date: 11/08/10 Req'd Qty: 2.00

Customer:

Reference:

Run Start



Approvals: Process Plan: CL Date: 10/11/03 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3552	RPG-1 <u>CL</u>

100 0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 12868  
Purchase Part Number: B8-167-408-150N B8-154-387-156N  
Supplier: LS Technologies  
Certificate of conformity is required

CL 10/11/04 (2)

110 0.00



Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

CL 10/11/05 (2)



120 0.00



QC6- Inspect dimensions to drawing

QC

Memo

0.00

Quality Control

Test for correct pressure

- inspect to Rev PG 1  
Dim only  
8w/mor x2

PRELIMINARY ISSUE

# Work Order ID 63526

November 3, 2010 2:54:00 PM



Item ID:	D3552-17	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Door Prop					
Start Date:	11/03/10	Start Qty: 2.00		Cust Item ID:		
Required Date:	11/08/10	Req'd Qty: 2.00		Customer:		
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Identify as per dwg & Stock Location: <i>Cagle</i>	0.00							
Packaging	Memo	0.00							
Packaging									
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

*Ship to Cagle*  
*ATTN: David Shepherd*  
*CY*

*CY 10/11/09 2*  
*Change to W10*  
*RD 1348000.*

*W10-11-10*

POSITIVE RECALL  
EFFECTIVE *10/11/09* AUTH *IN*  
RELEASED *[Signature]* DATE *10/11/9*

WORK ORDER CHANGES

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO12868

Purchase Order Date 11/04/10

PO Print Date 11/04/10

Page Number 1 of 1

Order From :

VC-LST0001

LS TECHNOLOGIES INC.  
303-103 STREET  
SASKATOON, SK S7N 1Y9  
CA

Contact Name

Vendor Phone

306 683 5000

Vendor Fax

306 683 6403

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FXED**  
C. Lavoie

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	B8-154-387-300N	Gas Spring	11/09/10 Yes	2.00 Each	Purolator ground	\$26.5000	\$53.00
		Special Inst:	AS PER DWG D3552 REV.PG1 B63525 LS TECHNOLOGIES P/N: B8-154-387-300N				
2	B8-154-387-156N	Gas Spring	11/09/10 Yes	2.00 Each	Purolator ground	\$26.5000	\$53.00
		Special Inst:	AS PWER DWG D3552 REV. PG1 B63526 LS TECHNOLOGIES P/N: B8-154-387-156N				
PO Total:							\$106.00

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

W CZ

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr:

1

Change Date: 11/04/10



303 - 103<sup>rd</sup> Street, Saskatoon, Saskatchewan, Canada S7N 1Y9  
Ph: (306) 683-5000 Fax: (306) 683-6403

### Certificate of Compliance

This is to certify that the parts listed below meets specifications as required by your order.

2 Units: B8-154-387-300N Gas Spring ( D3552-15 ) Carbon Steel Gas Spring

2 Units: B8-154-387-156N Gas Spring ( D3552-17 ) Carbon Steel Gas Spring

S  
10/10/09  
to Rev PG 1

Country of Manufacture: Canada  
Date of Manufacture : Nov 2010  
This product is ROHS compliant.

We certify no mercury was used in the manufacture of this order.

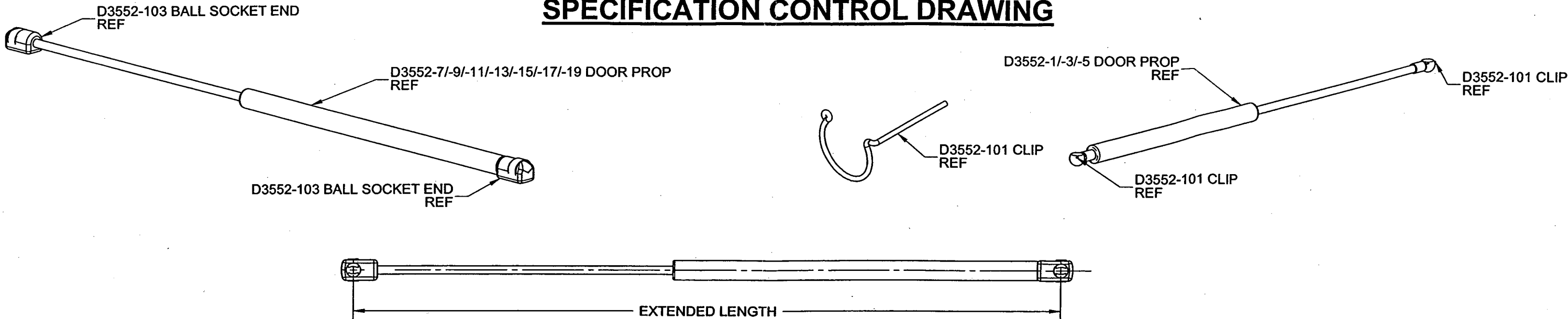
Purchase Order # 12868  
Invoice # 6643

L S Technologies Inc Canada

A handwritten signature in black ink, appearing to be "Nolan Fehr", written over a horizontal line.

Nolan Fehr  
Manager

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	DESCRIPTION	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	FORCE (N/lb)	END FITTING	MATERIAL	SUPPLIER	SUPPLIER PART NUMBER OR MODEL NUMBER	ALTERNATE SUPPLIER	ALTERNATE SUPPLIER P/N OR MODEL NUMBER
D3552-1	DOOR PROP	220/8.66	530/20.6	70/15.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-220-530-070N	N/A	N/A
D3552-3	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-200-490-200N	N/A	N/A
D3552-5	DOOR PROP	175/6.89	430/16.9	150/33.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-175-430-150N	N/A	N/A
D3552-7	DOOR PROP	220/8.66	530/20.9	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-070N	N/A	N/A
D3552-9	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-200-490-200N	N/A	N/A
D3552-11	DOOR PROP	240/9.45	575/22.6	150/33.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-240-575-150N	N/A	N/A
D3552-13	DOOR PROP	220/8.66	530/20.9	140/31.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B6-220-530-140N	N/A	N/A
D3552-15	DOOR PROP	139/5.47	386/15.2	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-300N	SUSPA, Inc.	16-2-210-139-A101-B101-400N
D3552-17	DOOR PROP	139/5.47	386/15.2	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-156N	SUSPA, Inc.	16-2-210-160-A101-B101-156N
D3552-19	DOOR PROP	139/5.47	386/15.2	60/13.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-060N	SUSPA, Inc.	16-2-210-139-A101-B101-060N
D3552-101	CLIP	N/A	N/A	N/A	N/A	CARBON STEEL	LS TECHNOLOGIES	C9	N/A	N/A
D3552-103	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B10	N/A	N/A

D3552-X DOOR PROP

PRELIMINARY ISSUE  
11 Nov 2010

NOTES:  
1) IDENTIFICATION: IDENT P/N D3552-X & B/N PER QSI 044 6.2  
2) D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/-3/-5 DOOR PROPS  
3) D3552-103 BALL SOCKET END IS ONLY COMPATIBLE WITH D3552-7/-9/-11/-13/-15/-17/-19 DOOR PROPS

G	FOR -15, FORCE:300/67.4 WAS 400/89.9, SUPPLIER P/N B8-154-387-300N WAS B8-154-387-400N; FOR -17, STROKE: 139/5.47 WAS 160/6.30, EXT LG: 386/15.2 WAS 407/16.0, SUPPLIER P/N B8-154-387-156N WAS B8-167-408-156N	JPH	10.11.01
F	ADD P/N D3552-15/-17/-19 AND ALTERNATE SUPPLIER	JPH	10.07.27
E	ADD P/N D3552-13 ZN B8-1, A8-1, D6-1, CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG	HS	10.02.03
D	ADD P/N D3552-101 ZN D6-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1; ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1	HS	09.04.02
C	ADD D3552-11 AND CONVERSIONS FOR INSPECTION; UPDATE P/N FOR D3552-7	LE	07.06.01
B	ADD D3552-7/-9; UPDATE DESC. D3552-1/-3/-5	LE	06.10.24
A	NEW ISSUE	LE	06.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED		DRAWING NO.	REV. 0
MFG. APPR.	N/A	D3552	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		DOOR PROP	NTS
DATE	10.11.01	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	